

Serial No. 10/612,205
Atty. Docket No. 00478CIPCIP

Amendments to the Specification

Please replace paragraph [0001] with the following amended paragraph:

[0001] The present application is a continuation-in-part of U.S. Application Serial No. 09/772,604, filed on January 30, 2001, now issued as U.S. Pat. No. 6,708,710, which is a continuation-in-part of U.S. Application Serial No. 09/435,375, filed on November 5, 1999, now issued as U.S. Pat. No. 6,216,732, which is a continuation-in-part of U.S. Application Serial No. 08/961,339, filed on October 30, 1997, now abandoned.

Please replace paragraph [0117] with the following amended paragraph:

[0117] Referring now to Figure 31, in various embodiments of the present systems and methods, a fluid system 2001 is provided in which an engine 2002 is connected to a junction block assembly 1400 through a valve 2004. A first reservoir 2006 is also connected to the junction block assembly 1400 through a valve 2008. In addition, a second reservoir 2010 is connected to the junction block assembly 1400 through a valve 2012. The junction block assembly 1400 includes a refill port 2014 structured to fluidly connect with a quick disconnect 2016. In operation of the fluid system 2001, the quick disconnect 2016 establishes fluid connection between the junction block assembly 1400 and a pump 2018. In addition, a fluid source 2020 is connected to the pump 2018. In one aspect of the present embodiment, the fluid source may be detachably connected to the pump 2018 so that subsequent fluid sources (not

shown) containing a variety of fluids can be introduced to the fluid system 2001 through the action of the pump 2018. In an example fluid refill process, the respective positions of the valves 2004,2008,2012, the actuation/position of the junction block assembly 1400, the connection of the quick disconnect 2016 to the refill port 2014, and the operation of the pump 2018 work in conjunction to perform various fluid refill processes for the engine 2002 and the first and second reservoirs 2006,2010. In one example, it can be seen that such a fluid refill process can result in fluid flowing into the engine 2002 (after a prior fluid evacuation process) from the fluid source 2020. It can be appreciated that the functions of the control module 1100, working in association with the various components of the fluid system 2001, can result in evacuating/refilling one or more of the engine 2002 and the reservoirs 2006,2010 in a sequential manner. As shown, filters 2022,2024,2026 may be employed to filter contaminants or other particles present in fluid flowing from the fluid source 2020 to the engine 2002, the first reservoir 2006, or the second reservoir 2010 (respectively). In various embodiments of the present systems and methods, the reservoirs 2006,2010 may contain, for example and without limitation, transmission fluid, hydraulic fluid, lubricants such as oil, water, or another fluid used in addition to the operation of the engine 2002 and/or the overall function of the fluid system 2001. In addition, in another aspect, supplemental filter system 2028 can be installed between the refill port 2014 and the ~~quick disconnect 2016 pump~~ 2018. In various aspects of the present systems and methods, the supplemental filter system 2028 may be, for example, a fine filtration system, as that term is understood in the art.

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Amendments to the Drawings

The attached replacement sheet includes changes to Figure 17 and is provided to replace the current version of Figure 17 presently on file with the application. As shown by the annotated version of Figure 17, an instance of element 709 connected to element 505 has been amended to read - - 705 - - to address an obvious typographical error in Figure 17.